


Name of the Unit:	"Working abroad as a Digital Native providing a web application"		
Reference to the qualification:	"Staatlich geprüfte/r Kaufmännische/r Assistant/in - Schwerpunkt Informationsverarbeitung"		
Area of work tasks: Developing and providing web application with means of a Web Content Management System (WCMS)		EQF-level: 4	DQR-level: 4
<p>The trainee provides a prototype of a web application for a customer and applies relevant methods of project management. He/she analyzes customer requirements, installs and configures the infrastructure of a web application, designs a user interface, adapts and/or develops a user interface, produces and integrates available content, is testing the web application, optimizes the web application in terms SEO etc. and provides basic user training and documentation.</p>			
Knowledge	Skills	Competence	
<p>He/she is able to:</p> <ul style="list-style-type: none"> • explain the project management approach and necessary steps and results • describe necessary aspects for analyzing customer requirements • describe the requirements and the basic infrastructure of web application • explain the function and interaction of the components of a web application (Webserver, Database, WCMS etc.) • differentiate common web technologies (HTML, CSS, JavaScript) and explains their function and interaction. • choose appropriate websites and repositories for WCMS with necessary information and files 	<p>He/she is able to:</p> <ul style="list-style-type: none"> • plan necessary steps for providing the web application prototype (project management) • identify and document customer requirements with common methods • install and configure the necessary infrastructure for the web application (WCMS) • install and configure a WCMS including templates, plug-ins/extensions/modules etc. • adapt the Front-End (template) according to legal and customer requirements • convert, transfer, produce and integrate (available/provided) content into the WCMS • adapt and optimize the WCMS in terms of users, roles, access rights and in terms of security • produce and provide basic user training and documentation for the customer 	<p>He/she is able to: / ist in der Lage/imstande</p> <ul style="list-style-type: none"> • organize relevant aspects of the project in cooperation with the customer • communicate and interact with the customer in different settings using different means and tools (approaches and communication technology) • to compare and evaluate the maturity of the prototype according to customer requirements and guided by a project coordinator • prepare, organize, and give a presentation with results of the project and the prototype of the web application 	
<p>Additional information:</p> <ul style="list-style-type: none"> • IVT related curricula for "Kaufmännische Assistenten Schwerpunkt Informationsverarbeitung " (Niedersachsen/Lower Saxony) especially 			

ECVET for geographical mobility

Lernfelder/Learning clusters : Webanwendungen entwickeln, Anwendungssysteme und Datenbanken, Dokumente bearbeiten und Kommunikationssysteme nutzen, Absatzprozesse, etc. "

- Learning environments and methods: Tutoring and lessons at hosting vocational school, self-study and on –the-job learning within a training company
- Necessary equipment: compulsory own mobile devices (laptop and smartphone/tablet), reliable internet connection at hosting country including WWAN

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